

STRATEGIC AIR COMMAND REGULATION

FLYING TRAINING

ELECTRONIC RECONNAISSANCE TRAINING OPERATIONS



4 FEBRUARY 1983

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS STRATEGIC AIR COMMAND

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4 February 1983

Flying Training

ELECTRONIC RECONNAISSANCE TRAINING OPERATIONS

This volume establishes the procedures for accomplishment of specific Electronic Intelligence (ELINT) training items required by SACM 51-135. It applies to units equipped with designated RC-135M: U/V/W/S aircraft and the 544th Strategic Intelligence Wing.

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CHAPTER 1

RC-135 M/U/V/W ELECTRONIC RECONNAISSANCE TRAINING OPERATIONS

1-1. SCOPE.

These provisions apply to RC-135 M/U/V/W series RAVEN training activities. Procedures contained herein are in support of AFR 60-1, SACM 51-135, SACR 60-4, and Unit Mission Tasking Requirements. For the purpose of training and qualification, the following are considered separate positions on RC-135V/W model aircraft:

RAVEN 1	Block I
RAVEN 1	Block III
RAVEN 2	Block I
RAVEN 2	Block III
RAVEN 3	(Considered the same position on Block I and Block III aircraft.)

Once initially qualified, a RAVEN 1 may be equipment difference certified in the other RAVEN 1 position. For a RAVEN 1, qualification in a RAVEN 2 or RAVEN 3 position will require a separate check. Once initially qualified, a RAVEN 2 may be equipment difference certified in either the other RAVEN 2 position and/or the RAVEN 3 position. For a RAVEN 2, qualification in a RAVEN 1 position will require a separate check. Once initially qualified, a RAVEN 3 may be equipment difference certified in either or both RAVEN 2 positions. For a RAVEN 3, qualification in a RAVEN 1 position will require a separate check. A person holding multiple position currency on RC-135 series aircraft may receive his annual check in any position for which he is certified. Difference training between RC-135 Mission/Series Aircraft, except V to W or W to V, will require an inflight SACR 60-4 evaluation. To determine overall qualification, the evaluatee will be required to demonstrate proficiency and/or accomplish an oral examination in the other positions.

1-2. OBJECTIVE.

The objective is to provide reconnaissance training operations that will produce RAVENs fully qualified to fulfill the unit mission. This chapter gives specific definition to SACM 51-135 concepts and prescribes procedures that will ensure RAVENs become mission qualified in a timely manner. It provides for continuation training responsive to mission tasking and changing reconnaissance equipment. It assures that quality control and standardization of electronic reconnaissance operations are maintained throughout training and operational mission activity. All training is conducted in unit. Portions of instructor academics may be completed at CFIC.

1-3. TERMS EXPLAINED:

- a. **AEELS.** Automatic ELINT Emitter Location System:
 - (1) Block I - One computer control of data collection and processing.
 - (2) Block III - Multiple computer control of data collection with enhanced processing capability.
- b. **CCCU.** Combat Crew Capabilities and Utilization meeting.
- c. **ELINT.** Electronic Intelligence.
- d. **EWAP.** Electronic Warfare Activity Period. The basic training event for both qualification and continuation training as defined by the 343 SRS/DOT "EWAP handout."
- e. **FQE.** Flight Qualification Evaluation. A proficiency flight evaluation under the provisions of SACR 60-4 in any Raven position in which the individual is qualified or undergoing training.
- f. **PARPRO.** Peacetime Aerial Reconnaissance Program.
- g. **RAVEN.** Reconnaissance Electronic Warfare Officer.
- h. **RTS.** Raven Tasking System.
- i. **WDE.** Wing Directed Event. Training specified by the WEWP under the continuation training concept to keep Ravens updated on changes in equipment, procedures, and tasking.
- j. **WEWP.** Wing Electronic Warfare Panel. A working group composed of key wing Ravens chaired by the Wing Deputy Commander for Operations.

1-4. INITIAL QUALIFICATION TRAINING.

Initial qualification training will be in accordance with SACM 51-135 and 343 SRS Initial Qualification Lesson Plans. Students completing initial qualification training must be recommended for a FQE by an instructor and the 343 SRS/DOT.

1-5. MISSION QUALIFICATION TRAINING:

- a. Current FQE.
- b. Completion of Mission Qualification requirements of SACM 51-135, volume III.

1-6. SPECIFIC DIFFERENCE QUALIFICATION REQUIREMENTS:

- a. Mission Qualification in a primary position.
- b. Recommendation by the 343 SRS/DO to the WEWP for difference training.
- c. Selection of the individual by the WEWP for difference training.
- d. Approval of the 55 SRW/CC at the monthly CCCU for entry into difference training.
- e. Completion of SACM 51-135 difference training requirements.
- f. Notification to the WEWP by 343 SRS/DOT that the individual is capable of performing the unit mission in the difference position. (55SRW/DOOE will recommend certification for unique reconnaissance equipment.)
- g. Certification by the WEWP in accordance with paragraph 1-13g(1).

1-7. INSTRUCTOR QUALIFICATION.

Specific requirements for instructor qualification are:

- a. Current FQE.
- b. Recommendation by the 343 SRS/DO to the WEWP.
- c. Selection of the individual by the WEWP for entry into Instructor Training.
- d. Approval of the 55 SRW/CC at the monthly CCCU for entry into Instructor Training.
- e. Recommendation to 55 SRW/DOVE from 343 SRS/DOT for an Instructor FQE.
- f. Completion of SACM 51-135, volume V, requirements.
- g. Written designation by 55 SRW/DO as an instructor by aircraft series and position(s).
- h. Instructor qualification will not be transferred to different M/S aircraft.

1-8. CURRENCY:

- a. Each individual must fly in accordance with SACM 51-135 to maintain flight currency.
- b. Loss of flight currency requires retraining as specified in SACM 51-135.
- c. Each individual certified in a particular position must accomplish an EWAP or Instructor/Evaluator activity in that position every 90 days to maintain position currency.
- d. Loss of position currency will require retraining under the supervision of an instructor. Required training will be determined by 343 SRS/DOT. (55SRW/DOOE will recommend currency requirements for unique RECON equipment.)
- e. Loss of currency in one position will not result in loss of currency in another position.
- f. Instructors qualified in more than one position who lose currency in a position may continue to perform instructor duties in the position(s) in which they remain current.
- g. No position activity for more than six months will result in loss of certification in that position.
- h. Loss of position certification will require requalification.

1-9. TRAINING MISSIONS:

- a. The EWAP will consist of training activities described below and additional requirements deemed necessary by 343 SRS/DOT to satisfy requirements of the unit mission.

(1) Criteria:

- (a) A minimum of 60 minutes planned on watch completing equipment operation or
- (b) Specific equipment operation as approved by 343 SRS/DOT prior to flight.

(2) Required Procedures:

- (a) Specific requirements are outlined in the inflight objectives for the EWAP for each individual crew position.

[1] Raven 1 AEELS Operator. Operates the AEELS to provide data in support of mission tasking. Coordinates signal analysis with other operators.

[2] Raven 2 ELINT Coordinator. Coordinates collection activities in support of mission tasking. Aids the manual and AEELS operators in searching for tasked signals. Performs technical analysis as required by mission tasking.

[3] Raven 3 Technical Processing Specialist. Searches for tasked signals and performs technical analysis as required by mission tasking.

(b) RC-135U Ravens. Search for briefed priority signals and perform recordings and complete technical analysis, including a DF fix if within the capability of the DF system. Precision power measurements, RF, PW, and PRI measurements are considered first priority unless specifically briefed otherwise. All crew members will complete necessary recordings, logs, and photos as required, to satisfy mission requirements. The Tactical Coordinator will be responsible for assigning additional specific tasking to crew members to satisfy mission requirements.

(c) RC-135M Raven. Searches for tasked signals and performs a complete analysis which includes a recording and a DF fix if equipment permits. RF, PW, and PRF measurements are considered first priority unless specifically briefed otherwise. Specific requirements are outlined in unit directives.

b. General Training Information:

(1) Instructors may receive credit for an EWAP if their student's activity satisfies EWAP requirements.

(2) Signals chosen for training mission tasking must be selected from a published Elint Parameter List.

(3) Plan training mission to ensure effective use of available flight time.

1-10. STANDARDS:

a. **Accuracy Standards.** Accuracy standards are established in this paragraph as a guide to monitoring crew proficiency in reconnaissance activities.

b. **Operator Logs.** Complete logs according to published log instructions. Logs must be legible and must contain required entries and sufficient remarks to permit analysis of associated mission data.

c. **Recordings.** Signal recordings will be in accordance with mission tasking and include the following:

(1) Be annotated with (but not limited to) signal number, time, frequency and changes in controls that affect the recording. Pertinent technical remarks that may assist in signal analysis are encouraged.

(2) The signal of interest will be hacked when multiple signals are present.

(3) Contain a readable PRI/PRF, scan time/rate.

(4) Contain a readable pulse shape (U/V/W).

(5) Digital recording should be from data of sufficient quality to enable post mission analysis to be time identified (U/V/W).

(6) Spectrum analyzer recordings must have oscilloscope settings annotated (U only).

d. **Photography.** Required acceptable photography will consist of:

(1) A readable wave shape.

(2) A complete, accurate and readable data chamber (M only).

(3) A readable graticule and reference signal (V/W only).

(4) A readable graticule (U only).

NOTE: A composite of several exposures may be used to satisfy the photography requirement.

e. **Pulse Width Measurement.** PW measured by the Raven must compare within plus or minus 20% of associated photography, digital data, or video tape readout.

f. **PRP/PRF/PRI Measurement.** Measurements by the Raven must compare within plus or minus 10% of digital data, audio recording or photography.

g. **DF Bearings.** Evaluatee/student bearing must agree with the Evaluator/Instructor bearing within plus or minus three degrees.

h. **Nontasked Emissions.** When a Raven recognizes he has logged or recorded a nontasked emission, he must annotate the log/or tape recording(s) with explanatory remarks.

1-11. WING DIRECTED TRAINING.

Blocks of academic instruction will be designed and established by the WEWP under the continuation training concept to keep Raven crew members and staff updated on pertinent changes. This continuation training will be conducted on a recurring basis. Staff agencies or crew members will assist in formulating and conducting this training as directed by the WEWP.

1-12. WING ELECTRONIC WARFARE PANEL.

The WEWP will be chaired by the 55 SRW/DO and will consist of Raven representatives from INV, DOOE, DO5, DOVE and the 343 SRS. The 55 SRW/DO5 Raven will prepare the agenda for the DO, who will conduct the meetings of the Panel and publish the minutes. When the 55 SRW/DO cannot attend, the DO5 Raven will chair the meeting. Other staff agencies will be requested to attend when they have items for the WEWP or when requested by the WEWP. The WEWP will meet at least once monthly, just prior to the pre-CCCU meeting.

1-13. RESPONSIBILITIES:

a. **HQ SAC/DORO. Reconnaissance Operations Division.** Monitors SAC ELINT/SIGINT/special purpose collection activity of RC-135 aircraft. Provides real time operational control to insure successful satisfaction on NCA tasking. Develops employment concepts and flight plans for all operational missions. Maintains liaison with related agencies to review mission effectiveness, equipment capabilities and future requirements and to coordinate necessary action. Compiles and publishes all appropriate RC-135 reconnaissance operation plans and orders.

b. **HQ SAC/DOTT. Aircrew Training Division.** Develops, directs, and supervises all tactical aircrew/staff academic/recurring training and evaluation programs; monitors 1 CEVG activities for training trends; establishes requirements and provides technical assistance for development of audio visual training materials, and directs the SAC aircrew instructor program. Determines operating procedures and prepares related regulations and manuals for all SAC aircraft and is the final approval authority for publications of aircraft tech data. Reviews aircraft/incident reports and advises the SAC staff of training actions to preclude recurrences.

c. **HQ SAC/DO8T. Aircrew Training and Tactics Division.** Develops, directs, and supervises all C/EC/RC/KC-135, E-4, and KC-10 aircrew/staff training and evaluation programs. Determines operating procedures/tactics and prepares related regulations and manuals for the above aircraft. Final approval authority of publications of aircraft tech data. Responsible for reviewing aircraft accident and incident reports and advising the SAC staff of training actions to preclude recurrence. Directs SAC aircrew instructor programs and develops, directs, and supervises aircrew recurring academic training trends. Screens candidates for CCTS instructor duty. Review 4235 STS educational/training products for technical accuracy and adherence with command policy.

d. **HQ SAC/INCS. Reconnaissance Support Division.** Manages collection tasking levied by national and DOD agencies on SAC reconnaissance resources. Coordinates SAC intelligence support to the Strategic Reconnaissance Center (SRC) and provides flight following support to the SRC. Assists in mission and sensor planning to optimize satisfaction of reconnaissance objectives. Establishes standards for processing exploitation, and dissemination of intelligence products produced by SAC reconnaissance units. Directs the activation and operation of SAC mobile intelligence processing facilities. Acts as an interface between the Defense Intelligence Agency and SAC for the processing and exploitation and requirements for specified SAC reconnaissance missions and provides such guidance to reconnaissance units.

e. **HQ SAC/LGXR. Reconnaissance Division.** Single point of contact with DCS/Logistics for all reconnaissance matters. Develops logistics annexes and appendices for reconnaissance plans to meet both peacetime and Emergency War Order (EWO) tasking. Reviews, evaluates, and provides logistics assistance to subordinate commands about specialized reconnaissance and reconnaissance support aircraft systems. Determines and evaluates support, facilities, and manpower requirements for reconnaissance aircraft force beddown. Performs staff visits as required to provide assistance and maintain close headquarters and unit liaison. Provides technical assistance on new system programs.

f. **HQ SAC/XPFR. Reconnaissance Division.** Responsible for Headquarters development/acquisition functions for future reconnaissance systems to enhance military use of space and management of strategic forces. Focal point and Command Program Element Monitor to implement command requirements for reconnaissance systems. Monitors technology, analyzes proposals, and evaluates concepts to determine technical feasibility and military applicability/desirability for advanced systems. Maintains liaison with military, industry, academic and government agencies to assure cognizance of reconnaissance systems, developments, and studies. Prepares and submits Statements of Operational Need (SON), when appropriate, and plans for the time-phasing and integration of new systems into the SAC inventory. Provides SAC membership on USAF, AFSC, and AFLC boards/committees for system evaluation, source selection, engineering inspection and configuration control/modification. Develops current and future concepts for all reconnaissance systems, their associated platforms, sensor packages, processing facilities and dissemination methods. Programs for new or improved reconnaissance vehicles, subsystems, sensors, associated processing and analysis/exploitation systems.

g. **Wing Electronic Warfare Panel:**

(1) Evaluates each individual recommended for mission/difference qualification. If the panel determines the individual to be qualified, it will certify the individual mission or difference qualified. The panel has the responsibility to decertify any individual who is no longer mission/difference qualified.

(2) Reviews the following for trends that may indicate deficiencies: Feedback reports from Forward Operating Bases, Flight Evaluation results, and the Minutes of the Stan/Eval Review Panel. When deficiencies are noted, the WEWP will assign corrective action to the appropriate staff agency.

(3) Reviews the results of operational tactical support missions/exercises to determine tasking effectiveness. Ensures WDEs accurately reflect operational tasking requirements.

(4) Ensures that reconnaissance procedures and tactics keep pace with equipment changes.

(5) Provides a forum for discussion of reconnaissance related matters.

(6) Monitors and recognizes outstanding individual/crew professional performance.

h. **55 SRW/DO5. Instructional Systems Development Division.**

(1) Prepares agenda for WEWP.

- (2) Chairs meeting of the WEWP when the DO is unable to attend.
- (3) Coordinates and publishes U - Model - RTS.
- (4) Coordinates and publishes 55 SRWR 55-1, volume III.
- (5) Coordinates inputs to SACR 51-5, volume II.
- (6) Ensures Raven training programs comply with Air Force ISD policies and procedures.
- (7) Provides assistance, as directed by the WEWP, in support of the Wing Directed Training Program.

i. 55 SRW/INV. Electronic Intelligence Branch:

- (1) Conducts an ongoing review of the results of operational missions. Monitors Raven performance in satisfying mission tasking and reports to the WEWP any deficiencies in crew member performance.
- (2) Monitors the results of tactical support exercises and reports them to the WEWP. Identifies tasking deficiencies and makes recommendations to the WEWP.
- (3) Identifies and reports to the WEWP any changes in tasking and reporting requirements which impact on current operating procedures.
- (4) Reports deficiencies noted in the training program.
- (5) Provides assistance as directed by the WEWP in support of the Wing Directed Training Program.
- (6) Provides liaison between the 6949 ESS and the WEWP.
- (7) Coordinates with 544/SIW to provide published radar parameter lists.

j. 55 SRW/DOOE. Electronic Warfare Operations Branch:

- (1) Conducts an ongoing review of the results of operational missions. Monitors Raven performance in satisfying mission tasking and reports to the WEWP any deficiencies in crew member performance or deficiencies/discrepancies in equipment operation or in procedures for malfunction analysis.
- (2) Monitors the results of tactical support exercises and reports them to the WEWP. Identifies procedural deficiencies and makes recommendations to the WEWP.
- (3) Identifies and reports to the WEWP all forecast changes in reconnaissance equipment. Summarizes the impact of these changes on mission tasking and recommends procedural changes, as required.
- (4) Reports deficiencies noted in the training program.
- (5) Provide assistance, as directed by the WEWP, in support of the Wing Directed Training Program.
- (6) Recommends Ravens for Difference Certification in unique equipment positions.
- (7) Coordinates new logs or changes to logs with the WEWP and the 544/SIW.
- (8) Coordinate and maintain operational and training computer programs.
- (9) Reviews and publishes Raven Operators Guides.
- (10) Maintains aircraft files containing Ziffers and Post Mission Reports (PMR) for use of Wing Staff and 343 SRS Ravens.
- (11) Maintains Raven training bags and classified training mission materials.
- (12) Accepts classified training mission materials for readout, degaussing and destruction.

k. 55 SRW/DOVE. EW Standardization/Evaluation Branch:

- (1) Monitors the Wing Training Program and reports any deficiencies noted to the WEWP.
- (2) Reports to the WEWP all evaluation activity since the previous meeting.

l. 55 SRW/DOTC. Reconnaissance Scheduling Branch:

- (1) Schedules and monitors accomplishment of all initial qualification, difference, and instructor training requirements.
- (2) Schedules and monitors accomplishment of all continuation training and the Wing Directed Training Program.

m. 343 Strategic Reconnaissance Squadron:

- (1) Operations Officer (343 SRS/DO).
 - (a) Reports deficiencies noted in the training program to the WEWP.
 - (b) Interviews crew members returning from the Forward Operating Bases.

(c) Recommends to the WEWP, individuals to be entered into difference/instructor training.

(2) Training Flight (343 SRS/DOT).

(a) Develops and conducts initial, difference and requalification training program as directed by SACM 51-135. Ensures individuals recommended for mission/difference qualification have received adequate training.

(b) Recommends individual for FQE.

(c) Incorporates changes in equipment, tasking and procedures into appropriate lesson plans.

(d) Publishes and maintains an adequate supply of reconnaissance logs.

(e) Performs responsibilities for training flight specified in SACR 55-68.

n. 55 SRW/DOX. Operations Plans Division:

(1) Notifies DO of upcoming revisions to the EWO. DO will include the topic on the WEWP agenda.

(2) Attends meetings, when required, for coordination of EWP revision.

o. 544 SIW. 544 Strategic Intelligence Wing:

(1) Conducts operational mission analysis critiques (MAC) for Ravens. The MAC will consist of a review of significant previous intercepts by that crew, ELINT highlights for the deployment areas and an orientation for new crew members.

(2) Advises the WEWP of significant accomplishments/deficiencies. Notification will be made through 55 SRW/INV.

p. FOB. Forward Operating Bases:

(1) Provide liaison between the local Electronic Security Command unit and the WEWP.

(2) Provide feedback reports on crew member performance. Contact will be made through 55 SRW/INV.

CHAPTER 2

RC-135S ELECTRONIC RECONNAISSANCE TRAINING OPERATIONS

2-1. SCOPE.

This chapter applies to RC-135 electronic warfare training operations. The provisions of this chapter support AFR 60-1, SACM 51-135, and SACR 60-4 training and evaluation requirements.

2-2. OBJECTIVE.

Provide effective and flexible training programs which will produce electronic warfare officers qualified to perform the unit mission. All training is normally conducted in-unit.

2-3. RESPONSIBILITIES:

- a. The Electronic Reconnaissance Support Branch (6SW/DOTN) monitors all electronic warfare officer training programs. DOTN also monitors the quality of the training provided under the OJT program for enlisted crew members assigned to the 24 SRS (AFSC A328X3).
- b. The Standardization/Evaluation Division (6 SW/DOV) monitors the quality of the electronic warfare officer training program and the enlisted OJT program. DOV establishes the accuracy standards for each collection system based on equipment capability and mission tasking requirements. These standards are published in the classified mission tasking folders.
- c. The mission squadron Training Flight (24 SRS/DOT) administers training operations in accordance with the provisions of this chapter and other applicable directives. Flight instructors assigned to the mission squadron will review, revise, and maintain the qualification, requalification, difference, and instructor upgrade training lesson plans as directed by the training flight. Changes to the lesson plans will be coordinated with DOV prior to implementation.

2-4. INITIAL QUALIFICATION TRAINING:

- a. Qualification training is accomplished in accordance with the provisions of SACM 51-135, 24 SRS Academic Training Qualification lesson plans (Course A-26), and 24 SRS Raven Flight Lesson Plans.
- b. Qualification students will be scheduled for a SACR 60-4 flight evaluation after:
 - (1) Completion of all academic and flight training requirements.
 - (2) Recommendation for evaluation by a flight instructor.
 - (3) Review of the student training folder by 24 SRS/DOT.
- c. 24 SRS/DOT will notify DOV and the 24 SRS/DO when the student has completed training and is recommended for flight evaluation. Notification is not required to be in writing.
- d. Every effort will be made to administer the initial qualification evaluation in flight. However, flight evaluations may be administered during a ground Period of Interest (POI), using the G-1325 simulator, if available. If the simulator is not available, injected signals from the maintenance station may be used to simulate the electronic environment. For ground administered checks, a full mission profile must be simulated.
- e. DOTN will be the certifying official for initial qualification reconnaissance crew members who have had factory/contractor training for new mission aircraft/reconnaissance positions.

2-5. INSTRUCTOR QUALIFICATION:

- a. Instructor candidates will meet the prerequisites established in SACM 51-135, volume V, for selection as a candidate, or be granted a waiver as provided in SACM 51-135, volume I.
- b. Recommendations for instructor upgrade will be presented by DOTN at the monthly Combat Capabilities Crew Utilization and Upgrade Panel (CCCU) meeting. On approval of the panel, instructor candidates will be entered into training.
- c. Instructor candidates will complete the training requirements of SACM 51-135, volume V, and the 24 SRS/DOT Electronic Warfare Officer Instructor Training Program. Individuals may attend the Central Flight Instructor Course (CFIC) for academic training only. CFIC graduates will complete an abbreviated instructor academic course.
- d. Instructor candidates will be scheduled for a SACR 60-4 flight evaluation in accordance with paragraphs 2-4b and c.
- e. On successful completion of the instructor qualification flight evaluation, the candidate will be designated a flight instructor in accordance with SACM 51-135, volume V, paragraph 1-6.
- f. Initial instructor evaluations will be conducted consistent with the provisions of paragraph 2-4d.

2-6. MISSION QUALIFICATION.

Individuals are considered mission qualified in the position for which they were trained upon completion of:

- a. SACR 60-4 Qualification Evaluation.
- b. Completion of Supplemental Reconnaissance Training (Course A-27).

2-7. TRAINING MISSIONS:

a. **Electronic Warfare Activity Period (EWAP).** The EWAP is the basic event for qualification and continuation training. Specific criteria are:

- (1) At least one orbit and data run will be completed.
- (2) The EWAP will be scheduled for a minimum of one hour. For training credit, the orbit/data run must cover a period of at least 40 minutes.
- (3) An EWAP may be accomplished using either manually injected signals from the maintenance station to simulate the environment, or the G-1325 simulator.
- (4) The G-1325 trainer will be used for all ground activity if it is available. Manually injected signals will be used only if the trainer is unavailable.
- (5) EWAPs conducted during a simulated ground Period of Interest (POI) are creditable toward qualification and continuation training in accordance with the provisions of SACM 51-135.
- (6) A ground POI will include at least one EWAP, and will be scheduled for a minimum of 2 hours to permit simulation of a full mission profile.
- (7) For qualification training, portions of the mission profile may be shortened, or deleted, to accomplish specific training objectives.
- (8) During a POI, the Tactical Coordinator will coordinate with all EW officer crew positions to determine target type and orientation.
- (9) Recording and photography may be simulated to preserve equipment life and stocks of tape and film, provided training objectives are met.
- (10) Every effort will be made to insure maximum realism in timing and crew coordination.
- (11) Training scenarios will be based on operational events.
- (12) The Tactical Coordinator is the final authority for selection and modification of scenarios to be used for training, and will insure coordination among instructors to achieve maximum benefit from the training.
- (13) For scheduled SACR 60-4 evaluations, the evaluator will select the scenario(s). For no-notice evaluations, the planned training activity/scenarios will be used. Change or modification of the scenario by the evaluator for a no-notice check is not authorized.

b. General Procedures:

- (1) Plan training missions to insure optimum use of flight time consistent with operational mission profiles.
- (2) Instructors may receive credit for continuation training events if their student's activity satisfies the event criteria.
- (3) The Tactical Coordinator will determine the acceptability of degraded equipment for creditability of training activities. 24 SRS/DOT is the final approval authority for crediting training events.
- (4) The criteria for training events may be met on other than planned training sorties (operational flights, functional flight checks, ferry flights, etc.).

2-8. MISSION CRITIQUE AND EVALUATION:

a. **Training Missions.** Following each training mission/ground POI, the Tactical Coordinator will conduct a crew critique in accordance with SACR 50-12, chapter 2.

b. **Operational Activity.** For missions on which data is recorded, the on site analyst reviews the tapes and logs, and produces the "Quick Look" report. A "Feedback" report is produced following full analysis of the collected mission data. These reports will be reviewed as follows:

- (1) Each Tactical Coordinator will review each report for missions flown by his crew. The TC reviews the data reported for each aircraft system to determine if there are procedural or equipment problems requiring corrective action.
- (2) Each operator will review the portions of the reports applicable to his position.
- (3) DOTN and a representative of DOV review all reports to identify equipment problems, operator errors, and procedures difficulties. If operator deficiencies are identified, 24 SRS/DOT will prescribe corrective training to eliminate the deficiency. Procedural difficulties will be corrected by DOV. Equipment problems are identified to the appropriate maintenance activity for correction.
- (4) Operator deficiencies identified as a result of post-mission analysis will be included in the Standardization/Evaluation trends analysis and reported in the quarterly Stan/Eval Review Panel.



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Director of Administration

SUMMARY OF CHANGES

This revision includes necessary corrections, and additions/deletions to terms, abbreviations, and responsibilities. The volume should be read in its entirety before attempting to comply with the directives herein.

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